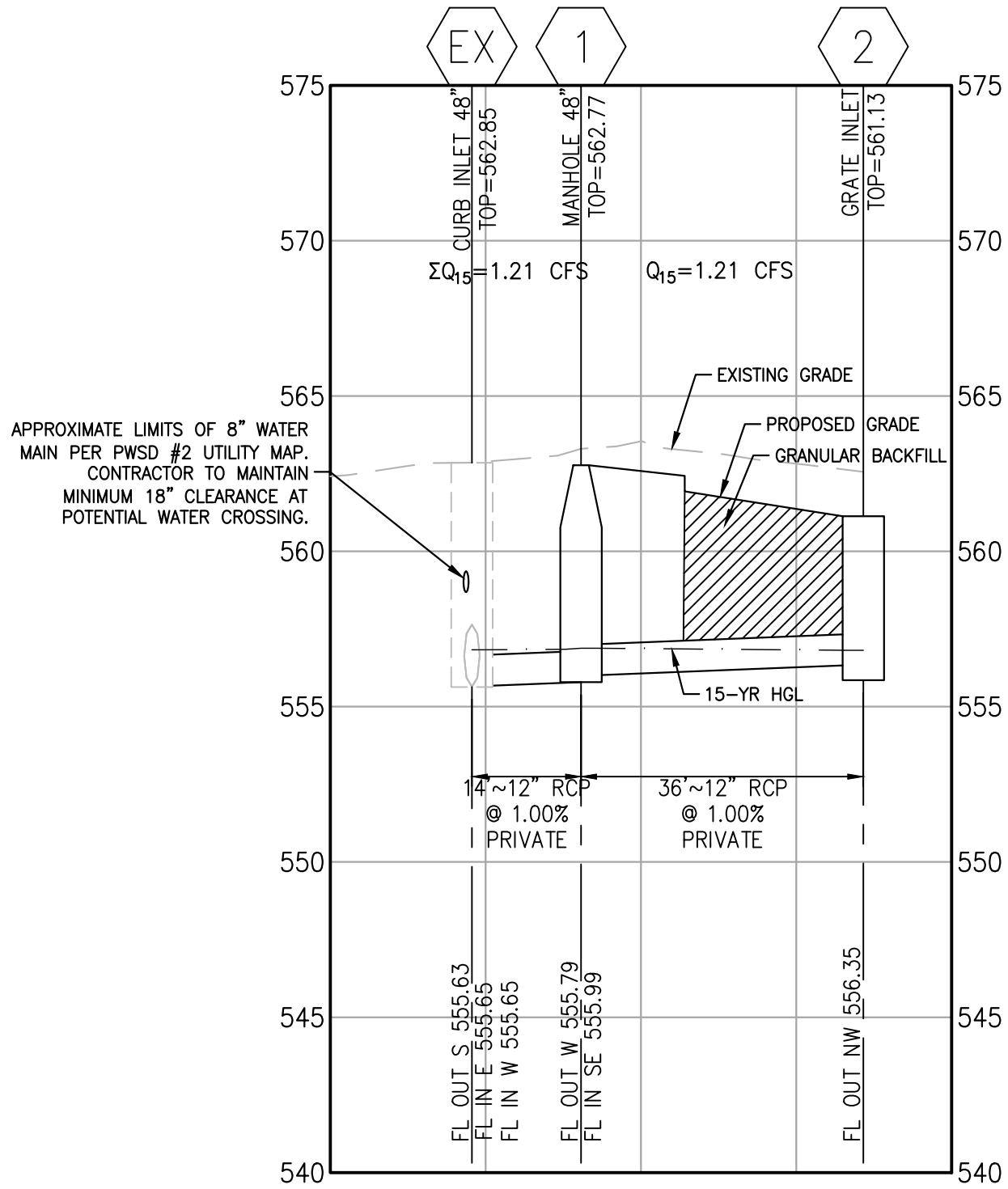




1 STORM SEWER PROFILE
SCALE: 1"=20' HORIZ. 1"=5' VERT. REF. DWG. C6.0

15 YEAR HYDRAULIC CALCULATIONS																
Line ID	Line Size (in)	Line Length	Line Slope (%)	n-value	Defl. Angle	Known Q (cfs)	Flow Rate (cfs)	Capacity Full (cfs)	Vel Dn (ft/s)	Invert Up (ft)	Grnd/Rim Elev Up	HGL Jnct (ft)	Rim-Hw (ft)	Invert Dn (ft)	Grnd/Rim Elev Dn	HGL Dn (ft)
2-1	12	36.345	0.99	0.013	67.994	1.21	1.21	3.54	1.64	556.35	561.13	556.81	4.32	555.99	562.77	556.88
1-EX	12	14.047	1	0.013	89.546	0	1.21	3.55	1.54	555.79	562.77	556.88	5.89	555.65	562.85	556.83
EX-EX MH	24	278.228	2.5	0.012	-96.988	0.31	11.19	38.73	3.56	555.63	562.85	556.83	6.02	548.68	557.68	550.68

DEVELOPER/OWNER: **CPTWO, LLC**
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SUITE 210
CHESTERFIELD, MO 63005

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